

CLAIM AMENDMENTS

1. (Previously Presented) An aqueous glittering ink comprising
scaly glittering particles,
a water-soluble resin,
a water-soluble organic solvent,
a colorant,
a binder component for fixing the said scaly particles to a written mark or a
coated film; and
water,
wherein said scaly glittering particles have
a median diameter of at least 10 μ m,
the ratio of smoothness on the particle surface to the median diameter of not
greater than 0.011, and
a surface coating ratio of said colorant covering the surface of said particle's
surface in a written mark of not greater than 80% in a state of a dried written
mark.
2. (Previously Presented) An aqueous glittering ink as set forth in claim 1, wherein
the ink has a thixotropic property.
3. (Previously Presented) An aqueous glittering ink as set forth in claim 2, wherein
the ink has a thixotropy index, of not less than 1.3 represented by the ratio of V0.5 to V1.0 (V0.5
/ V1.0), wherein V0.5 is the viscosity with the rotation speed of 0.5 rpm and V1.0 is the viscosity
with the rotation speed of 1.0 rpm when the ink is measured by an ELD viscometer with a 3°R14
cone, at a temperature of 20°C.
4. (Previously Presented) An aqueous glittering ink as set forth in claim 2, wherein
the ink has a viscosity of about 1000-15000 mPa•s when measured by an ELD viscometer with a
3°R14 cone, rotation speed: 0.5 rpm at a temperature of 20°C.
5. (Previously Presented) An aqueous glittering ink as set forth in claim 1, wherein
said scaly glittering particles comprise glass flake particles.
6. (Previously Presented) An aqueous glittering ink as set forth in claim 1, wherein
said scaly glittering particles comprise metal coated inorganic particles.
7. (Original) An aqueous glittering ink as set forth in claim 1, wherein the content
of the said scaly glittering particles is 0.01 – 40% by weight relative to the total amount of the
ink.
8. (Original) An aqueous glittering ink as set forth in claim 1, wherein the said scaly
glittering particles have a median diameter of at least 25 μ m.

9. (Previously Presented) An aqueous glittering ink as set forth in claim 1, wherein the water-soluble resin is contained in 0.01 – 40% by weight relative to the total amount of the ink.
10. (Previously Presented) An aqueous glittering ink as set forth in claim 1, wherein the colorant is contained in 0.01 – 30% by weight relative to the total amount of the ink.
11. (Original) An aqueous glittering ink as set forth in claim 1, further containing an opacifying pigment.
12. (Canceled)
13. (Previously Presented) An aqueous glittering ink as set forth in claim 1, containing a synthetic resin emulsion as the said binder component.
14. (Original) An aqueous glittering ink as set forth in claim 13, wherein the said synthetic resin emulsion is contained in 0.01 – 40% by weight in solids relative to the total amount of the ink.
15. (Previously Presented) An aqueous glittering ink as set forth in claim 14, wherein the content of said scaly glittering particles is 0.01 – 40% by weight, the water-soluble resin is 0.01 – 40% by weight and the water-soluble organic solvent is 1 – 40% by weight, relative to the total amount of the ink.
16. (Original) An aqueous glittering ink composition as set forth in claim 13, wherein the said synthetic resin emulsion has an anionic property or a nonionic property and its minimum film forming temperature is not higher than 20°C.
17. (Previously Presented) An aqueous glittering ink as set forth in claim 15, further containing the colorant in 0.01 – 30% by weight relative to the total amount of the ink.
18. (Previously Presented) An aqueous glittering ink as set forth in claim 13, further containing an opacifying pigment.
19. (Previously Presented) A method for forming a written mark comprising scaly glittering particles, wherein scaly glittering particles have a median diameter of at least 10 μm , the ratio of smoothness on the particle surface to said median diameter is not greater than 0.011, and the surface coating ratio of a colorant to the scaly glittering particles is not greater than 80%, interspersing the scaly glittering particles within the range of not greater than 80% to the total written surface, and interspersing said colorant's particles among said scaly glittering particles.
20. (Previously Presented) A method for forming a written mark comprising scaly glittering particles, wherein scaly glittering particles have a median diameter of at least 25 μm , the ratio of smoothness on the particle surface to said median diameter is not greater than 0.011, and the surface coating ratio of a colorant to the scaly glittering particles is not greater than 40%,

interspersing the scaly glittering particles within the range of 20 - 45% to the total written surface, and interspersing said colorant's particles among said scaly glittering particles.

21. (Previously Presented) A method for forming a written mark as set forth in claim 19, wherein a binder resin contained in an ink for fixing said scaly glittering particles to the written mark forms a coated film on said glittering particles, the degree of roughness of the coated film covering the surface of said scaly glittering particles is not greater than 0.15 μm .

22. (Previously Presented) A method for forming a written mark as set forth in claim 19, wherein the smoothness of the written mark is not less than 9 μm .

23. (Previously Presented) A written mark having the characteristics of an aqueous glittering ink, wherein scaly glittering particles have a median diameter of at least 10 μm , the ratio of smoothness on the particle surface to the said median diameter is not greater than 0.011, and the surface coating ratio of a colorant to the scaly glittering particles is not greater than 80%, interspersing the scaly glittering particles within the range of not greater than 80% to the total written surface, and interspersing the said colorant's particles among the said scaly glittering particles.

24. (Currently Amended) A written mark having the characteristics of an aqueous glittering ink, wherein scaly glittering particles have a median diameter of at least 25 μm , the ratio of smoothness on the particle surface to the said median diameter is not greater than 0.011, and the surface coating ratio of a colorant to the scaly glittering particles is not greater than 40%, interspersing the scaly glittering particles within the range of 20 - [[~]] 45% to the total written surface, and interspersing the said colorant's particles among the said scaly glittering particles.

25. (Previously Presented) A written mark as set forth in claim 23, wherein a binder resin contained in an ink for fixing said scaly glittering particles to the written mark forms a coated film on said glittering particles, a degree of roughness of said coated film covering the surface of said scaly glittering particles is not greater than 0.15 μm .

26. (Previously Presented) A written mark as set forth in claim 23, wherein the smoothness of the written mark is not less than 9 μm .

27. (Canceled)

28. (Previously Presented) A ball-point pen with an aqueous glittering ink filled in the ink tank comprising scaly glittering particles, a water-soluble resin, a water-soluble organic solvent, a colorant, a binder component for fixing the said scaly glittering particles to a written mark or a coated film, and water, wherein said scaly glittering particles have a median diameter of at least 25 μm , and the a ratio of smoothness on the particle surface to a median diameter is not greater than 0.011, and a surface coating ratio of the said colorant covering the surface of the particle's surface in a written mark of not greater than 80% in a state of a dried written mark, a thixotropy index of not less than 1.3, represented by the ratio of V0.5 to V1.0 (V0.5 / V1.0), wherein V0.5 is the viscosity with the rotation speed of 0.5 rpm and V1.0 is the viscosity with the rotation speed of 1.0 rpm when the ink is measured by an ELD viscometer with a 3°R14

cone, at a temperature of 20°C and the V0.5, the viscosity with the rotation speed of 0.5 rpm, of 1000 - 15000 mPa.

29. (Previously Presented) A method for forming a coated film comprising scaly glittering particles, wherein the scaly glittering particles have a median diameter of at least 10 μ m, the ratio of smoothness on the particle surface to said median diameter is not greater than 0.011, and the surface coating ratio of a colorant to the scaly glittering particles is not greater than 80%, interspersing the scaly glittering particles within the range of not greater than 80% to the total written surface, and interspersing said colorant's particles among the said scaly glittering particles.

30. (Previously Presented) An aqueous glittering ink comprising scaly glittering particles, a water-soluble resin, a water-soluble organic solvent, a colorant, a binder component for fixing the said scaly glittering particles to a written mark or a coated film, and water, wherein said scaly glittering particles have a median diameter of at least 30 μ m, the ratio of smoothness on the particle surface to the median diameter is not greater than 0.011, and a surface coating ratio of said colorant covering the surface of said particle's surface in a written mark is not greater than 80% in a state of a dried written mark.

31. (Currently Amended) An aqueous glittering ink as set forth in claim 30, wherein the ink has a thixotropy index of not less than 1.3 represented by the ratio of V0.5 to V1.0 (V0.5/V1.0), wherein V0.5 is the viscosity with the rotation speed of 0.5 rpm, and V1.0 is the viscosity with the rotation speed of 1.0 rpm when the ink is measured by an ELD viscometer with a ~~an~~ 3°R14 cone, at a temperature of 20°C.

32. (Previously Presented) An aqueous glittering ink as set forth in claim 30, wherein the scaly glittering particles are selected from the group consisting of flaky glass coated with metal, inorganic particles coated with metal, and aluminum powder.

33. (Currently Amended) A method for forming a coated film comprising scaly glittering particles, wherein scaly glittering particles have a median diameter of at least ~~10~~ 25 μ m, the ratio of smoothness on the particle surface to said median diameter is not greater than 0.011, and the surface coating ratio of a colorant to the scaly glittering particles is not greater than 80%, interspersing the scaly glittering particles within the range of not greater than 80% to the total written surface, and interspersing said colorant's particles among the said scaly glittering particles.

34. (New) A method for forming a coated film comprising scaly glittering particles, wherein scaly glittering particles have a median diameter of 25-100 μ m, the ratio of smoothness on the particle surface to said median diameter is not greater than 0.011, and the surface coating ratio of a colorant to the scaly glittering particles is not greater than 40%, interspersing the scaly glittering particles within the range of not greater than 20-45% to the total written surface, and interspersing said colorant's particles among the said scaly glittering particles.